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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/727,569	11/30/2000	Afzal Khalfay	4678-1	6726

26291 7590 06/14/2004

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EXAMINER

CHUONG, TRUC T

ART UNIT	PAPER NUMBER
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2174

DATE MAILED: 06/14/2004

13

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/727,569

Applicant(s)

KHALFAY ET AL.

Examiner

Truc T Chuong

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 31 March 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 11 and 12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 11-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### DETAILED ACTION

1. This communication is responsive to a Request for Consideration, filed 03/31/04.
2. Claims 11-12 are pending in this application. Claims 11 and 12 are independent claims.

This action is made final.

3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior office action.

#### *Claim Rejections - 35 USC § 102*

4. Claims 11 and 12 are rejected under 35 U.S.C. 102(b) as being anticipated by Hanson et al. (U.S. Patent No. 5,956,736).

As to claim 11, Hanson teaches an apparatus for providing one or more user interfaces for a computer application, comprising:

a data repository for storing first user interaction specification information providing data for substantially defining one or more instances of user interaction techniques for presentation to a user interacting with a computer application, wherein each said user interaction technique has a distinct collection of user interactions for allowing a user to request a performance of one of a predetermined one or more actions provided by the technique for accessing a functionality of the computer application (Object System, col. 6 line 56-col. 7 line 61);

a user interface generator for accessing said first user interaction specification information and generating a corresponding user interface (drag and drop references to objects, properties, and handlers between the various windows, editors, and browsers, col. 9 lines 4-31)

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for the computer application, wherein with each activation of the computer application, said user interface generator generates said corresponding user interface (col. 6 lines 3-14, and Concept of Objects, Properties, Handlers, col. 7 line 53-col. 8 line 67, and col. 9 lines 4-31);

wherein for a change in said first user interaction specification information within said data repository such that a first data descriptor for a first of said first user interaction techniques is changed in said first user interaction specification information to a second data descriptor for a different second user interaction technique during an activation of the computer application, said user interface generator generates code for presenting said second user interaction technique in place of said first user interaction technique when the user requests access to a functional of the computer application that had been previously accessible bar said first user interaction technique (col. 6 line 56-col. 7 line 61, col. 7 line 53-col. 8 line 67, and col. 9 lines 4-31); and

a user interface builder for allowing a user interface designer to create a second user interaction specification information for replacing said first user interaction specification information in said data repository, wherein said user interface builder has a user interface wherein the designer is able to drag and drop graphical representations of user interaction controls onto a page of said second user interface (User Interface Windows, col. 8 line 44-col. 9 line 31, col. 11 lines 23-35, 60-63, and col. 12 line 1-18, 49-67).

As to claim 12, Hanson teaches an apparatus for providing one or more user Interfaces for a computer application, comprising:

a data repository for storing first user interaction specification information providing data for substantially defining one or more instances of user interaction techniques for presentation to a user interacting with a computer application, wherein each said user interaction technique has a

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distinct collection of user interactions for allowing a user to request a performance of one of a predetermined one or more actions provided by the technique for accessing a functionality of the computer application (Object System, col. 6 line 56-col. 7 line 61);

a user interface generator for accessing said first user interaction specification information and generating a corresponding user interface (drag and drop references to objects, properties, and handlers between the various windows, editors, and browsers, col. 9 lines 4-31) for the computer application wherein with each activation of the computer application said user interface generator generates said corresponding user interface (col.6 lines 3-14, and Concept of Objects, Properties, Handlers, col. 7 line 53-col. 8 line 67, and col. 9 lines 4-31);

wherein for a change in said first user interaction specification information within said data repository such that a first data descriptor for a first of said first user interaction techniques is changed in said first user interaction specification information to a second data descriptor for a different second user interaction technique during an activation of the computer application, said user interface generator generates code for presenting said second user interaction technique in place of said first user interaction technique when the user requests access to a functionality of the computer application that had been previous accessible by said first user interaction technique (col. 6 line 56-col. 7 line 61, col. 7 line 53-col. 8 line 67, and col. 9 lines 4-31);

wherein an instance of said data repository and an instance of said user interface generator at each of a plurality of remote Internet sites, wherein for each said instance, DB, of said data repository, said first user interaction specification information therein identifies a user interface layout and language that is preferable to a user at the Internet site for DB (storing

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information and instructions to be executed by processor, col. 6 lines 5-13, and col. 13 lines 61-64, col. 14 lines 20-26).

### *Response to Arguments*

5. Applicant's arguments filed in the Request for Consideration have been fully considered but they are not persuasive.

Applicants argued the following:

Hanson fails to disclose a user interface generator for creating a different user interface based on user information.

The Examiner disagrees for the following reasons:

Hanson clearly teaches that a user can use an input device such as a mouse to click on, then drag and drop references to objects, properties, and handlers between the various windows, editors and browsers (col. 9 lines 4-31), which means the objects of Hanson can be shared and used to create different user interfaces such as: windows, editors, and browsers.

### *Conclusion*

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after

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the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Truc T Chuong whose telephone number is 703-305-5753. The examiner can normally be reached on M-Th and alternate Fridays 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L. Kincaid can be reached on 703-308-0640. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Truc T. Chuong

06/07/04

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